Sahil Chouksey

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Jabalpur, IN

Experience

Full Stack Developer (Promoted) | *SV (Suryavanshi Ventures)*   *July 2024 - Nov 2025*
Led backend for BRIO AI and enterprise apps   *Jabalpur, India*

- **BRIO Health AI**: Built agentic search engine using **LangGraph**, **Vertex AI RAG**, **Gemini-2.5-Flash**
- Reduced PDF processing time by **60-65%** with custom OCR and intelligent chunk processing
- Built backend systems for Research Studio, Paper Vault, AI Notebook, AI Transcribe with RAG capabilities
- Implemented **Mem0.ai** memory system, achieving **2X better response quality** through state management
- **Serma Event Management**: Led Finance system with **Stripe webhooks**, automated invoice generation
- **Zuno Training**: Built canvas-based course creation with **D3.js**, unified multimedia interface
- **Whisp Landing Page**: Optimized UI with **Tailwind CSS**, improved load time by **50%** (4s to 2s)

Software Developer (Promoted) | *TVM Consulting Private Limited*   *Aug 2023 - July 2024*
Engineered healthcare platforms and analytics systems   *India*

- **Doct App**: Built healthcare platform with **Golang/GIN**, **Next.js 13**, **PostgreSQL**, achieving **4X faster APIs**
- Implemented role-based access control, encrypted database entries for healthcare compliance
- Developed patient document management with S3 integration, enabling progress monitoring
- **Salesman Analytics**: Created admin dashboard with **Vite + React.js**, automated MARG ERP extraction
- Improved salesman experience by **50%** eliminating paper-based orders, real-time price transparency
- **Pose Detection**: Developed CNN and MediaPipe solution for posture analysis with custom datasets

Skills

Languages & Frameworks: JavaScript/TypeScript | Python | Go | Next.js | React.js | Node.js | LangChain/LangGraph

AI/ML & Cloud: Vertex AI | RAG Architecture | LLM Integration | Google Cloud | S3/GCS | Gemini APIs

Databases & DevOps: PostgreSQL | MongoDB | Redis | Docker | Git/GitLab CI/CD | Linux

Technical Skills: Full-Stack Development | API Design (RESTful) | Payment Integration | Healthcare Compliance

Education

Rajiv Gandhi Proudyogiki Vishwavidyalaya (RGPV) | *GPA: 7.8/10*   *July 2024 - Aug 2026*
Master of Computer Applications | *Computer Science and Engineering*   *Bhopal, India*

Makhanlal Chaturvedi University | *GPA: 7.9/10*   *July 2020 - Aug 2023*
Bachelor of Computer Applications | *Computer Applications*   *Bhopal, India*

Certifications

- [**React Native - The Practical Guide**](#) - Udemy
- [**NodeJS - The Complete Guide (MVC, REST APIs, GraphQL, Deno)**](#) - Udemy